PATENT Attorney Docket No. 02481.0790-02000 Serial No. 08/402,394

in which A(1-21) and B(1-30) denote the A and B chains of human insulin and the -S-S-bridges are positioned as in insulin, which comprises:

(a) expressing [as part/of a fusion protein] in a bacterium a DNA molecule encoding a fusion protein which comprises a mini-proinsulin compound of the formula:

- (b) liberating said mini-proinsulin compound from said fusion protein;
- (c) folding and forming disulfide bridges in said mini-proinsulin compound;
- (d) incubating said mini-proinsulin compound with trypsin at a pH of about 6.8 to produce mono-Arg-insulin, under conditions where no crystals are formed; followed by
 - (e) precipitating the mono-Arg-insulin.
- 22. (Amended) A method for the preparation of insulin which comprises:
- (a) expressing [as part of a fusion protein] in a bacterium a DNA molecule encoding a fusion protein which comprises a mini-proinsulin compound of the formula:

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